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M	2_	5,506,861	04/09/96	Botto	mley	375	200	
WXC	3	5,321,850	06/14/94	Bäcks	tröm et al.	455	139	
DXC	4	09/143,821		Hafee	z et al.	-		
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		OTHER DO	OCUMENTS -Channel Inter	(Includin	g Author, Title,	Date, Pertinent F	ages, Etc.)	

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
A A		Hafeez et al., Co-Channel Interference Cancellation for D-AMPS Handsets, Proceedings of the 49th IEEE
	16	Vehicular Technology Conference, May 1999, pp. 1026-1031
1 20 - 1		Lo et al., Adaptive Equalization and Interference Cancellation for Wireless Communication Systems, IEEE
DXV	17	Transactions on Communications, Vol. 47, No. 4, April 1999, pp. 538-545
1 2		Murata et al., Joint Frequency Offset and Delay Profile Estimation Technique for Nonlinear Co-channel
DXW	18	Interference Canceller, Proceedings of the PIMRC, November 1998, pp. 486-490
a 10 /		Molnar et al., Adaptive Array Processing MLSE Receivers for TDMA Digital Cellular PCS Communications,
D KW	19	IEEE Journal on Selected Areas in Communications, Vol. 16, No. 8, October 1998, pp. 1340-1350
0 20.1		Raheli et al., Per-Survivor Processing: A General Approach to MLSE in Uncertain Environments, IEEE
1 xw	20	Transactions on Communications, Vol. 43, No. 2/3/4, February/March/April 1995, pp. 354-364
1 Va /		Chennakeshu et al., Differential Detection of π/4-Shifted-DQPSK for Digital Cellular Radio, IEEE
2790	21	Transactions on Vehicular Technology, Vol. 42, No. 1, pp. 46-57, February 1993
,		
	22	

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Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Attorney Docket No. 8194-392 Serial No. 899,920			
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		OTHER DO	CUMENTS	(Includin	g Author, Title, Date	e, Pertinent P	ages, Etc.)	
DXW		Lindsey et al., A	Survey of Digi	ital Phase	-Locked Loops, Proce	edings of the	EEE, Vol. 69, 1	No. 4, April 1981,
<b>1</b> /	21	pp. 410-431						
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Examiner Initials*	Cite No.	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	<u>'</u>
11/9)	1	Hamkins, An Analytic Technique to Separate Cochannel FM Signals, IEEE Transactions on Communications, Vol. 48, No. 4, April 2000, pp. 543-546	
NXC	2	Paparisto et al., A Single-Packet Method for Adaptive Maximum Likelihood CCI Identification and Mitigation, Global Telecommunications Conference-Globcom '99, General Conference (Part A), 1999, pp. 492-496	
NXC	3	Hamkins, Cochannel FM Signal Separation, Information Theory Workshop 1998, San Diego, CA, February 8-11, 1998, 1 p.	
DXN	4	Hamkins, A Joint Viterbi Algorithm to Separate Cochannel FM Signals, International Conference on Acoustics, Speech, and Signal Processing (ICASSP), Vol. 6, 1998, pp. 3297-3300	
DNN	5	Hamkins et al., A Comparative Study of Co-Channel Interference Suppression Techniques, Proceedings of the Fifth International Mobile Satellite Conference, June 1997, pp. 327-332	
DXIV	6	Esteves et al., A Per-Survivor Phase Acquisition and Tracking Algorithm for Detection of TCM Signals With Phase Jitter and Frequency Error, IEEE Transactions on Communications, Vol. 45, No. 11, November 1997, pp. 1381-1384	
) XX	7	D'Andrea et al., Approximate ML Decoding of Coded PSK With No Explicit Carrier Phase Reference, IEEE Transactions on Communications, Vol. 42, No. 2/3/4, February/March/April 1994, pp. 1033-1039	
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